CLAIM AMENDMENT

Claims 1 to 6. (canceled)

7. (new) An improved non-spill water bottle cap for preventing water spillage when a water bottle is inverted to be placed on a water dispenser, said improved non-spill water bottle cap comprising:

a cylindrical transparent plastic tube (10) with a series of holes (10a) linearly arranged along half of the circumference, midway along the length of said cylindrical transparent plastic tube (10),

a spherical float (20) disposed within said cylindrical transparent plastic tube (10) to control the water flow through said tube,

a plastic cap head (30) having a mouth opening, integrally formed with a front end of said cylindrical transparent plastic tube (10) to cap onto a port of said water bottle,

an edge frame (11) disposed at a rear end of said cylindrical transparent plastic tube (10) for retaining said spherical float (20) within said cylindrical transparent plastic tube (10),

an annular flange (13) with a series of circumferential pinholes (13a) therein, located along an edge of said mouth opening of said plastic cap head (30) for retaining said spherical float (20) within said cylindrical transparent plastic tube (10), and

an annular sealing ridge (12) integrally formed around the circumference of a front inner wall portion of said plastic tube with a spherically curved mating surface for momentarily blocking the water flow path by contacting said spherical float (20) when the water bottle is inverted to be placed on the water dispenser.

8. (new) An improved non-spill water bottle cap as claimed in claim 7, wherein said annular flange (13) is oriented obliquely inward at the mouth of said plastic cap head (30) and

said series of pinholes (13a) are located along the center of the annular flange (13) for passing the flow of air and water.

9. (new) An improved non-spill water bottle cap as claimed in claim 7, wherein said annular sealing ridge (12) is located adjacent to said annular flange (13).

10. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein said annular sealing ridge (12) has an inner diameter approximately one-fifth smaller than the diameter of said spherical float (20).

11. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein said annular sealing ridge (12) is located approximately one-fourth of the diameter of said spherical float (20) away from said mouth of the plastic cap head (30).

12. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein said annular sealing ridge (12) and a tip of said annular flange (13) are designed to simultaneously contact said spherical float (20) due to water pressure in order to momentarily block the water flow through the water bottle.

13. (new) An improved non-spill water bottle cap as claimed in claim 7, wherein said cylindrical transparent plastic tube (10) has a diameter approximately one-fifth larger than said spherical float (20) for passing the flow of air and water.